Page I of I

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
WWW.LSDIC GOV

APPLICATION NUMBER

FILING/RECEIPT DATE

FIRST NAMED APPLICANT

ATTORNEY DOCKET NUMBER

09/970,020

10/03/2001

Lirong Liu

107223-139 US

CONFIRMATION NO. 8697

23483 HALE AND DORR, LLP 60 STATE STREET

BOSTON, MA 02109

COPY OF PAPERS ORIGINALLY FILED FORMALITIES LETTER

OC000000007034934*

Date Mailed: 11/07/2001

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

02/14/2002 KZEWDIE 00000001 09970020

01 FC:201 370.00 CH 02 FC:205 65.00 CH 03 FC:203 27.00 CH 04 FC:202 126.00 CH 05 FC:204 140.00 CH FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.
 Applicant must submit \$ 740 to complete the basic filing fee for a non-small entity. If appropriate, applicant may make a written assertion of entitlement to small entity status and pay the small entity filing fee (37 CFR 1.27).
- Total additional claim fee(s) for this application is \$766.
 - \$234 for 13 total claims over 20.
 - \$252 for 3 independent claims over 3.
 - \$280 for multiple dependent claim surcharge.
- · The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(I) of \$130 for a non-small-entity, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 1636.

03/12/2002 SSALEEKU 00000011 080219 09970020

01 FC:203

90.00 CH

A copy of this notice MUST be returned with the reply.

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE



COPY OF PAPERS ORIGINALLY FILED

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

COPY OF PAPERS ORIGINALLY FILED

Serial No.:

09/970,020

Liu et al

Examiner: Not Yet Assigned

Filed:

October 3, 2001

Group Art Unit: 1614

For:

DEVELOPING A DELIVERY SYSTEM FOR MULTI-

PHARMACEUTICAL ACTIVE MATERIALS AT VARIOUS

RELEASE RATES

Attorney Docket No.: 107223-139

Box Missing Parts Commissioner for Patents Washington, D.C. 20231

CERTIFICATE OF MAILING UNDER 37 C.F.R. 1.8(a)

I hereby certify that this correspondence and any enclosures referenced herein are being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Box Missing Parts, Commissioner for Patents, Washington D.C. 20231.

Docmky 21, 2001

Patricia Corrigan

Sir:

RESPONSE TO NOTICE OF MISSING PARTS OF APPLICATION

In response to the Notice to File Missing Parts of Application (Filing Date Granted) mailed November 7, 2001, enclosed for filing in the above-identified patent application are the following documents:

- 1. Executed Declaration and Power of Attorney;
- 2. Supplemental Information Data Sheet;
- 3. Fee Transmittal; and
- 4. Part 2 Return Copy of Notice of Missing Parts of Application.

Enclosed is a self-addressed, postage prepaid postcard. Please date stamp the postcard indicating timely receipt by the Patent Office of the subject documents, and return it to us for our files.

BOSTON 1317152v1

Applicants respectfully note that small entity status is being claimed. The Commissioner is hereby authorized to charge \$728.00 to Deposit Account No. 08-0219 for the additional claims fee, filing fee and surcharge for late filing of the oath. Applicants further note that the additional claims fee of \$234.00 is incorrectly calculated on the enclosed Notice to File Missing Parts. The application as filed has 23 claims resulting in an excess of 3 claims over 20, not 13 claims over 20 as indicated on the Notice. The correct additional claims fee, re-calculated for a small entity, is \$27.00.

Please charge any fee deficiency or credit any overpayment in connection with this matter to Deposit Account No. <u>08-0219</u>.

Respectfully submitted,

Dated: 12/21/01

Robert McIsaac, Ph.D.

Registration No. 46,918 Attorney for Applicant

Hale and Dorr LLP 60 State Street Boston, Massachusetts 02109 (617) 526-6000 (Telephone) (617) 526-5000 (Facsimile)



Sector B

PTO/SB/21 (6-98)
1/2000. OMB 0651-000
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FEB 1 1 2002

PTO/SB/21 (6-98)
Approved for use through 09/30/2000. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

	Applicati n Number	09/970,020		
TRANSMITTAL	Filing Date	October 3, 2001		
FORM	First Named Inventor	Liu		
(to be used for all correspondence after initial filing)	Group Art Unit	1614		
	Examiner Name	Not Yet Assigned		
Total Number of Pages in This Submissior 8	Attorney Docket Number	107223.139		
ENCLOS		ly)		

Total Number of Pages in This Subr	nissior 8 Attorne	y Docket Number 1	07223.139		
ENCLOSURES (check all that apply)					
Fee Transmittal Form	Assignment Pape (for an Application		After Allowance Communication to Group		
Fee Attached	Drawing(s)		Appeal Communication to Board of Appeals and Interferences		
Amendment / Response	Licensing-related	Papers	Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)		
After Final	Petition Routing S and Accompanyii		Proprietary Information		
Affidavits/declaration(s)	Petition to Conve Provisional Applie		Status Letter		
Extension of Time Request	Power of Attorne Change of Corres Address		Additional Enclosure(s) (please identify below)		
Express Abandonment Request	Terminal Disclain	ner 🔽	Postcard		
<u> </u>	Small Entity State	ement			
Information Disclosure Statemen	Request for Refu	nd			
Certified Copy of Priority Document(s)	Certified Copy of Priority Document(s) Remarks				
Response to Missing Parts/	Response to Missing Parts/ Executed Delcaration				
Incomplete Application	Supplemental In	formation Dat	a Sheet		
Response to Missing Parts under 37 CFR 1.52 or 1.53					
SIGNAT	JRE OF APPLICANT,	TTORNEY, OR AG	ENT		
Firm or Individual name Robert McIsaac, Reg No. 46,918, Hale and Dorr LLP					
Signature M. J. M. Lugar					
Date 12/21/01					
CERTIFICATE OF MAILING					
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date:					

CERTIFICATE OF MAILING				
I hereby certify the envelope address	at this correspondence is being deposited with t ed to: Assistant Commissioner for Patents, Was	he United States Postal Service <u>as first class mail in an</u> hington, D.C. 20231 on this date: しょうしん		
Typed or printed	name Patricia Corrigan			
Signature	Hariace Corige	Date Descimbed all John		

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be send to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

PTO/SB/17 (10-01)
Approved for use through 10/31/2002 OMB 0651 0032

Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Leder the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE	TRANSMITTAL
2011 33	TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT

(\$) 728.00

Complete if Known			
Application Number	09/970,020	<u> </u>	00
Filing Date	10/03/2001	\mathcal{T}	62
First Named Inventor	Lirong Liu		200
Examiner Name	Not Yet Assigned		1 23
Group Art Unit	1614		1 16
Attorney Docket No.	107223-139		7

METHOD OF PAYMENT	FEE CALCULATION (continued)		
1. The Commissioner is hereby authorized to charge indicated fees and credit any overnayments to:	3. ADDITIONAL FEES		
Denosit Denosit	Large Small		
Account Number	Entity Entity Fee	F. Data	
Deposit Hale and Dorr LLP	Code (\$) Code (\$)	Fe Paid	
Account Name	105 130 205 65 Surcharge - late filing fee or oath	65.00	
Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17	127 50 227 25 Surcharge - late provisional filing fee or cover sheet		
Applicant claims small entity status.	139 130 139 130 Non-English specification		
See 37 CFR 1.27	147 2,520 147 2,520 For filing a request for ex parte reexamination		
2. Payment Enclosed: Check Credit card Money Other Other	112 920° 112 920° Requesting publication of SIR prior to Examiner action		
FEE CALCULATION	113 1,840* 113 1,840* Requesting publication of SIR after Examiner action		
1. BASIC FILING FEE	115 110 215 55 Extension for reply within first month		
Large Entity Small Entity	116 400 216 200 Extension for reply within second month		
Fee Fee Fee Fee Description Code (\$) Code (\$) Fee Paid	117 920 217 460 Extension for reply within third month		
404 740 004 070 1000 0	118 1,440 218 720 Extension for reply within fourth month		
101 740 201 370 Utility filing fee 370.00	128 1,960 228 980 Extension for reply within fifth month		
107 510 207 255 Plant filing fee	119 320 219 160 Notice of Appeal		
108 740 208 370 Reissue filing fee	120 320 220 160 Filing a brief in support of an appeal		
114 160 214 80 Provisional filing fee	121 280 221 140 Request for oral hearing		
	138 1,510 138 1,510 Petition to institute a public use proceeding		
SUBTOTAL (1) (\$) 370.00	140 110 240 55 Petition to revive - unavoidable		
2. EXTRA CLAIM FEES	141 1,280 241 640 Petition to revive - unintentional		
Fee from Ext <u>ra Claims below Fee Paid</u>	142 1,280 242 640 Utility issue fee (or reissue)		
Total Claims 23 -20** = 3 x 9.00 = 27.00	143 460 243 230 Design issue fee		
Independent 6 - 3** = 3 x 42.00 = 126.00	144 620 244 310 Plant issue fee		
Multiple Dependent 280.00 = 280.00	122 130 122 130 Petitions to the Commissioner		
	123 50 123 50 Processing fee under 37 CFR 1.17(q)		
Large Entity Small Entity Fee Fee Fee Fee Description	126 180 126 180 Submission of Information Disclosure Stmt		
Code (\$) Code (\$)	581 40 581 40 Recording each patent assignment per property (times number of properties)		
	, , , , , , , , , , , , , , , , , , , ,		
102 84 202 42 Independent claims in excess of 3 104 280 204 140 Multiple dependent claim, if not paid	146 740 246 370 Filing a submission after final rejection (37 CFR § 1.129(a))		
109 84 209 42 ** Reissue independent claims over original patent	149 740 249 370 For each additional invention to be examined (37 CFR § 1.129(b))		
110 18 210 9 ** Reissue claims in excess of 20	179 740 279 370 Request for Continued Examination (RCE)		
and over original patent	169 900 169 900 Request for expedited examination of a design application		
SUBTOTAL (2) (\$) 293.00			
**or number previously paid, if greater, For Reissues, see above	*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 65	.00	

SUBMITTED BY Complete (if applicable)			if applicable)	
Name (Print/Type)	Robert McIsaac, Ph.D.	Registration No. 46,918 (Attorney/Agent)	Telephone	617-526-6000
Signature	fill Me bacce		Date	12/21/01